

Duplicate Copies of Electric Logs WERE sent to Mr.
Newberry 5-10-65 TGU

CONFIDENTIAL - RELEASED

FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map Pinned ☒

Card Indexed ☒

I W R for State or Fee Land ☐

Checked by Chief PMB

Copy NID to Field Office He

Approval Letter In Unit

Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 10-10-64

OW ☒ WW ☐ TA ☐

GW ☐ OS ☐ PA ☐

Location Inspected ☐

Bond released ☐

State of Fee Land ☐

LOGS FILED

Driller's Log 11-23-64

Electric Logs (No.) 2

E ☐ I ☐ E-I ☒ GR ☐ GR-N ☐ Micro ☒

Lat. ☐ Mi-L ☐ Sonic ☐ Others ☐

Information West Data

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Gulf Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1971, Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
2292' EWL, 1910' NSL (SE 1/4 SW)
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)

16. NO. OF ACRES IN LEASE
1922

17. NO. OF ACRES ASSIGNED TO THIS WELL
50

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1625 West & 1240' South

19. PROPOSED DEPTH
5900'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	200' ✓	150 sacks
7-7/8"	5-1/2"	14	3900' ✓	200 sacks

We propose to drill to 5900' or 50' below base of G Sand of Snake River Formation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____

TITLE **Area Clerical Supervisor**

DATE **August 26, 1964**

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

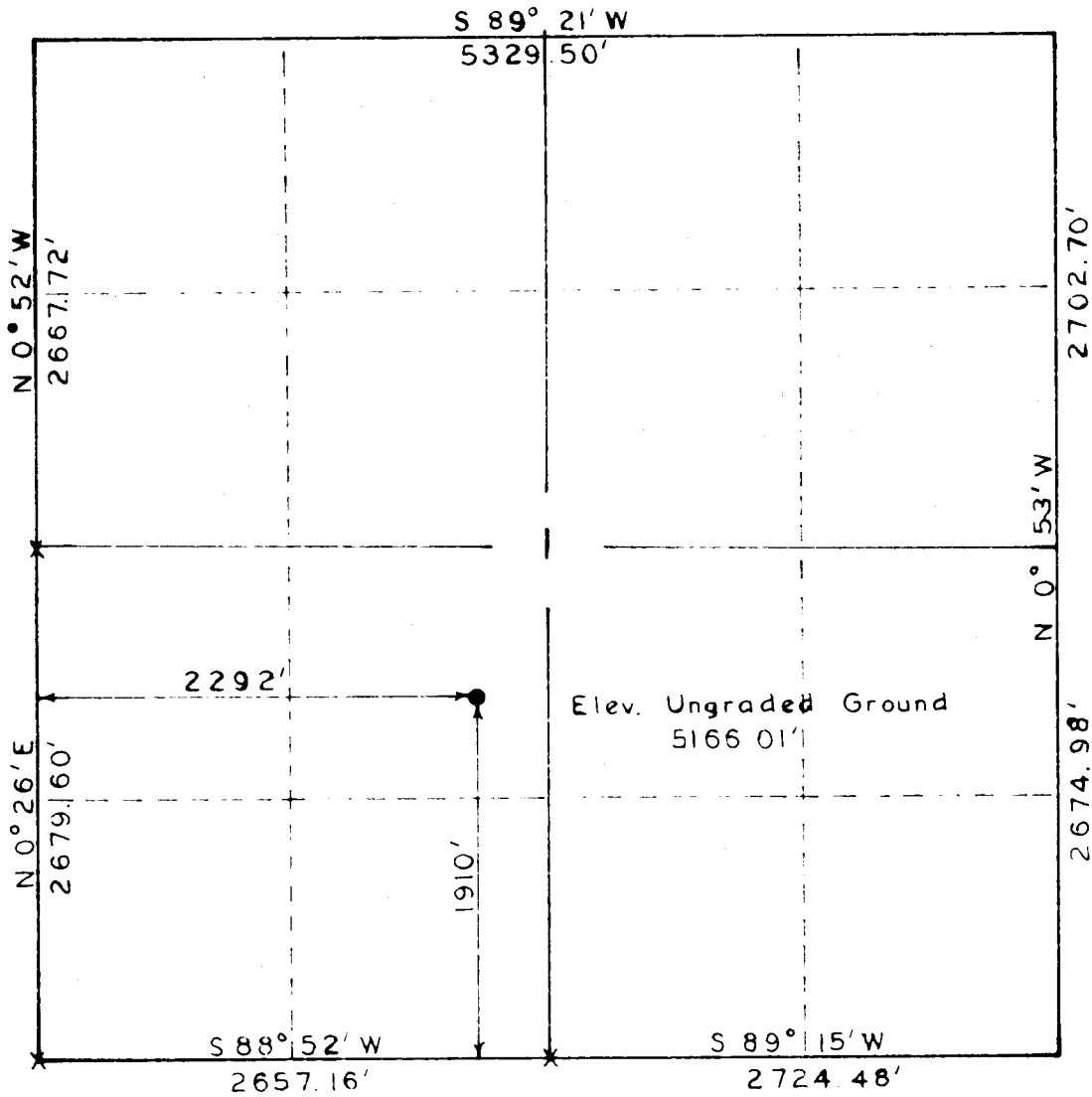
DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah G&S Cons. Comm. (2)

*See Instructions On Reverse Side

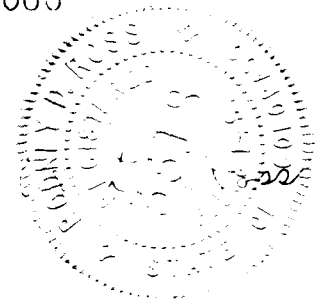
T 8 S, R 21 E, SLB&M



Scale: 1" = 1000'

X = Corners located (brass cap)

By: ROSS CONSTRUCTION CO.
Vernal, Utah



<p>PARTY R. D. Ross R. R. Ross</p> <p>WEATHER Hot - Windy</p>	<p>SURVEY GULF OIL CORP. WONSITS VALLEY FED UNIT NO. 33, LOCATED AS SHOWN IN THE NE 1/4 - SW 1/4, SECTION 1, T 8 S, R 21 E, UTAH COUNTY, UTAH.</p>	<p>DATE Aug. 26, 1964 REFERENCES GLO Plat Approved 4/18/52 FILE GULF</p>
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Copy file

Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

August 28, 1964

Utah Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah

Re: Wonsits Valley Federal Unit No. 33
NE SW Section 1-8S-21E
Uintah County, Utah

Gentlemen:

Attached please find two (2) copies of Survey
Plat on the above subject well, which are for your files.

Very truly yours,



Lester LeFavour

sjn

Attachments (2)



CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **Salt Lake City**
LEASE NUMBER **U-022158**
UNIT **Wonsits Valley**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1964

Agent's address 600 Oklahoma Mortgage Building Company Gulf Oil Corporation
Oklahoma City, Oklahoma 73102 Signed A M McKee

Phone CE-6--3071 Agent's title Unit Supervisor

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NOTE: The following is supplemental information on two drilling wells that was not included on the original report.										
NE NW 16	08	21E	32							
<u>PRESENT CONDITIONS</u>										
Total Depth 5675'. PETD 5348'. Temporary Plug @ 4280' & 4242'. KBE 4753'										
Casing: 8-5/8" OD 24" J-55 @ 192'										
5-1/2" OD 14" J-55 @ 5474'										
Perforations: 5344', 4265-70', 4219-25'										
<u>OPERATIONS CONDUCTED</u>										
Pump tested perforations 4265-70'. Set temporary bridge plug @ 4242'. Perforated 4219-25' w/4 jets per foot. Acidized with 250-Gal. MCA. Swab tested.										
NE SW 1	08	21E	33							
<u>PRESENT CONDITIONS</u>										
Total Depth 5922'. PETD 5897'. KBE 5176'										
Casing: 8-5/8" OD 24" J-55 @ 197'										
5-1/2" OD 14" J-55 @ 5922'										
Perforations: 5830-5886'										
<u>OPERATIONS CONDUCTED</u>										
DST No. 1 4504 to 4560'. Open 1-Hr. GTS in 5 min. @ 11 Mcfd. Recovered 4132' gas cut salt water. /S/ 1927 psi 130 min., FP 688-1851 psi, SIP 1927 psi 160 min. DST No. 2 4751 to 4781'. Open 1-Hr. NGTS Recovered 644' slightly muddy salt water. /S/ 2025 psi/30mm. FSI 2007 psi/60 min. Core No. 1 5830 to 5886'. Recovered 56'. Ran IES & Micrologs. TORT. Perforated 5862-72' w/2 jets per foot. Swab Testing.										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-0802

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsits Valley

8. FARM OR LEASE NAME

Wonsits Valley Unit

9. WELL NO.

33

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

1-8S-21E SLM

12. COUNTY OR
PARISH

Utah

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐RE-
DRILL ☐

Other _____

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1971, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1910' NSL, 2292' EWL (NE SW)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

-

-

15. DATE SPUDDED

8-30-64

16. DATE T.D. REACHED

9-16-64

17. DATE COMPL. (Ready to prod.)

10-10-64

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5176' KB

19. ELEV. CASINGHEAD

5166'

20. TOTAL DEPTH, MD & TVD

5922'

21. PLUG, BACK T.D., MD & TVD

5897'

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

0 - 5922'

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Basal Green River G Sand 5845' to 5876' ✓

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, Microlog

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
3-5/8" OD	24#	197'	13-3/4"	150 sx, 2% CaCl ₂ , 3% NaCl	-
5-1/2" OD	14#	5922'	7-7/8"	150 sx	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5862' to 5872' with 2 jets per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NONE	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-10-64		Pump 14 x 86" SPN, 2-1/4" bore pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-10-64	24	-	→	167 ✓	*	0	*
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	167	*	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold, used for fuel

TEST WITNESSED BY

T. A. Phillips

35. LIST OF ATTACHMENTS

DST charts, IES, Microlog (2 each)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Original Signed By
LESTER LeFAVOUR

TITLE

Area Production Manager

DATE

November 18, 1964

*(See Instructions and Spaces for Additional Data on Reverse Side)

* Will furnish later

cc: Utah O&G Cons. Comm. (2) ✓

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Drill Stem Test No. 1, 4504' to 4560'. Open 1 hour, gas to surface in 5 minutes, 11 MCFD. Recovered 4132' gas cut salt water. Initial shut in 1927 psi 30 minutes. Flow pressure 688-1851 psi. Final shut in 1927 psi 60 minutes.			
Drill Stem Test No. 2, 4751' to 4781'. Open 1 hour, no gas to surface. Recovered 644' slightly muddy salt water. Initial shut in 2025 psi, 30 minutes. Flow pressure 112-299 psi. Final shut in 2007 psi 60 minutes.			
Core No. 1, 5830' to 5886'. Recovered 56' shale, sand and limestone.			

NOV 23 1934

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Basal Green River	5034'		
F-2 Sand	5692'		
G Sand	5845'		

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: GULF OIL CORPORATION

FIELD: WONSITS VALLEY LEASE:

WELL # UN-FED #33 SEC. 1 TOWNSHIP 8S RANGE 21E

STATE FED. FEE DEPTH TYPE WELL MAX. INJ. PRESS.

TEST DATE *Well was temporarily abandoned*

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>INTERMEDIATE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>PRODUCTION</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u>TA</u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>TUBING</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>INTERMEDIATE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>PRODUCTION</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>TUBING</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>INTERMEDIATE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>PRODUCTION</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>TUBING</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

D.S.T. Report Distribution



COMPANY

FORM 1509R1

Gulf Oil Corp

Company Name - - Lease Owner

Requested Distribution of Completed D.S.T. Report Folder
for Ticket No. 1379965

(This Order Must Be Filled Out and Signed By Company Representative)

Company Gulf Oil Corp.
Orig. Chart

11

ATT.

P.O. BOX
STREET & NO.
BUILDING

P.O. Box 1971

& Reports

CITY
STATE

Casper, Wyoming 82602

Company Gulf Oil Corp

1

ATT.

P.O. BOX
STREET & NO.
BUILDING

MR. MARION Smith
600 Okla. Mortgage Bldg.

Reports

CITY
STATE

Okla. City 2, Okla. 73102

Company Gulf Oil Corp

1

ATT.

P.O. BOX
STREET & NO.
BUILDING

P.O. Box 591

Reports

CITY
STATE

Vernal, Utah

Company

ATT.

P.O. BOX
STREET & NO.
BUILDING

Reports

CITY
STATE

Company

ATT.

P.O. BOX
STREET & NO.
BUILDING

Reports

CITY
STATE

Company

ATT.

P.O. BOX
STREET & NO.
BUILDING

Reports

CITY
STATE

Gulf Oil Corp

Owner - Operator - or His Agent

SIGNED

Ray E. Pickering

, Agent

Send 1st, 2nd and 3rd Copy with Charts

(Use Additional Sheets When Necessary)

Flow Time	1st 5 Min.	2nd 60 Min.	Date	9-9-64	Ticket Number	3799 65 S
Closed In Press. Time	1st 30 Min.	2nd 60 Min.	Kind of Job	OPEN HOLE	Halliburton District	ROCK SPRINGS
Pressure Readings	Field	Office Corrected	Tester	R.W. COOPER	Witness	REX PICKERING
Depth Top Gauge	4492 Ft.	no Blanked Off	Drilling Contractor	EXETER DRILLING COMPANY		LC
BT. P.R.D. No.	1509	12 Hour Clock	Elevation	—	Top Packer	4499'
Initial Hydro Mud Pressure	2156	2173	Total Depth	4560'	Bottom Packer	4504'
Initial Closed in Pres.	1927	1907	Interval Tested	4504' - 4545'	Formation Tested	UINTAH
Initial Flow Pres.	688	1 340 2 728	Casing or Hole Size	7 7/8"	Casing Perfs.	{ Top Bot.
Final Flow Pres.	1851	1 390 2 1848	Surface Choke	1"	Bottom Choke	7/8"
Final Closed in Pres.	1927	1905	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	I.D. - LENGTH 2 3/4" - 270'
Final Hydro Mud Pressure	2099	2116	Mud Weight	9.2	Mud Viscosity	38
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	°F Est. 110 °F Actual	Anchor Size & Length	ID — X
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly Bushing	Depth of Tester Valve	4481' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	none Ft.
Initial Closed in Pres.			Cushion	none		
Initial Flow Pres.	1		Recovered	4132	Feet of gas cut salt water.	
Final Flow Pres.	2		Recovered		Feet of	
Final Flow Pres.	1		Recovered		Feet of	
Final Closed in Pres.	2		Recovered		Feet of	
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	4556 Ft.	ve s Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	218	12 Hour Clock	Tool Opened	5:20 A.M.	A.M. P.M.	Tool Closed 8:00 A.M. A.M. P.M.
Initial Hydro Mud Pres.	2191	2207	Remarks	Tool opened for a 5 minute first flow with		
Initial Closed in Pres.	1933	1939	a fair blow. Closed tool for a 30 minute initial			
Initial Flow Pres.	766	1 430 2 845	closed in pressure. Reopened tool for a 60 minute			
Final Flow Pres.	1896	1 443 2 1882	second flow with a fair blow. Closed tool for a 60			
Final Closed in Pres.	1933	1939	minute final closed in pressure.			
Final Hydro Mud Pres.	2155	2151				

FORMATION TEST DATA

13

WONST VALLEY 85 21E SE 1 33 1 Uicker

Legal Location Sec. - Twp. - Rng. 1 8S 21E

Lease Name

Well No.

Test No.

GULF OIL CORPORATION

Lease Owner/Company Name

County UTAH

State UTAH

Owner's District

Gauge No. 1509			Depth 4492'			Clock 12 hour		Ticket No. 379965		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.
P ₀	.000	340	.000		390	.000	728	.000		1848
P ₁	.0028	340	.0093		1861	.126	1065	.0395		1901
P ₂	.0056	344	.0186		1890	.252	1474	.0790		1903
P ₃	.0084	354	.0279		1897	.378	1722	.1185		1903
P ₄	.0112	373	.0372		1901	.504	1848	.1580		1903
P ₅	.0140	390	.0465		1903			.1975		1905
P ₆			.0558		1905			.2370		1905
P ₇			.0651		1905			.2765		1905
P ₈			.0744		1905			.3160		1905
P ₉			.0837		1907			.3555		1905
P ₁₀			.0930		1907			.3950		1905

Gauge No. 218			Depth 4556'			Clock 12 hour				
P ₀	.000	430	.000		443	.000	845	.000		1882
P ₁	.0048	415	.0097		1889	.1278	1083	.0399		1933
P ₂	.0096	402	.0194		1921	.2556	1190	.0798		1935
P ₃	.0144	404	.0291		1928	.3834	1752	.1197		1935
P ₄	.0192	415	.0388		1932	.5110	1882	.1596		1935
P ₅	.0240	443	.0485		1935			.1995		1937
P ₆			.0582		1937			.2394		1937
P ₇			.0679		1937			.2793		1937
P ₈			.0776		1937			.3192		1937
P ₉			.0873		1937			.3591		1939
P ₁₀			.0970		1939			.3990		1939

Reading Interval	1	3	15	6	Minutes
REMARKS:					

SPECIAL PRESSURE DATA

Flow Time	1st Min. 5	2nd Min. 60	Date	9-10-64	Ticket Number	379966 - S
Closed In Press. Time	1st Min. 30	2nd Min. 60	Kind of Job	OPEN HOLE	Halliburton District	ROCK SPRINGS
Pressure Readings	Field	Office Corrected	Tester	MR. COOPER	Witness	MR. PICKERING
Depth Top Gauge	4737 Ft.	NO Blanked Off	Drilling Contractor	EXETER DRILLING COMPANY	IC	
BT. P.R.D. No.	1509	12 Hour Clock	Elevation	-	Top Packer	4746'
Initial Hydro Mud Pressure	2308	2274	Total Depth	4781'	Bottom Packer	4751'
Initial Closed in Pres.	2003	1990	Interval Tested	4751'-4781'	Formation Tested	GREEN RIVER
Initial Flow Pres.	- 1 57	95 2 107	Casing or Hole Size	7 7/8"	Casing Perfs. } Top -	
Final Flow Pres.	- 1 63	286 2 283	Surface Choke	1"	Bottom Choke	7/8"
Final Closed in Pres.	2003	1977	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	I.D. - LENGTH 2 3/4" x 360'
Final Hydro Mud Pressure	2289	2251	Mud Weight	9.0	Mud Viscosity	37
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	128 °F Est. °F Actual	Anchor Size & Length	ID 4 3/4" OD 5 3/4" 30'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	4728' Ft.
Initial Hydro Mud Pres.			TYPE	AMOUNT	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Cushion	- Ft.	Recovered	580 Feet of Gas cut saltwater
Initial Flow Pres.	1		Recovered	Feet of		
Final Flow Pres.	2		Recovered	Feet of		
Final Flow Pres.	1		Recovered	Feet of		
Final Closed in Pres.	2		Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Depth Bot. Gauge	4777 Ft.	YES Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.	218	12 Hour Clock	Tool Opened	1:25 PM A.M. P.M.	Tool Closed	4:00 PM A.M. P.M.
Initial Hydro Mud Pres.	2302	2295	Remarks	Opened tool for 5 minute 1st flow with		
Initial Closed in Pres.	2025	2004	a weak blow. Closed tool for 30 minute initial			
Initial Flow Pres.	- 1 67	112 2 125	closed in pressure. Reopened tool for 60 minute			
Final Flow Pres.	- 1 95	299 2 297	2nd flow with weak blow. Closed tool for 60			
Final Closed in Pres.	2007	1994	minute final closed in pressure.			
Final Hydro Mud Pres.	2284	2276				

FORMATION TEST DATA

WONST VALLEY

Lease Name

33 Well No.

2 Test No.

GULF OIL CORPORATION

Lease Owner/Company Name

VERNAL

Owner's District

Legal Location Sec. 1 - 8S - 21E

Field Area

RED WASH

County

UTAH

State

UTAH

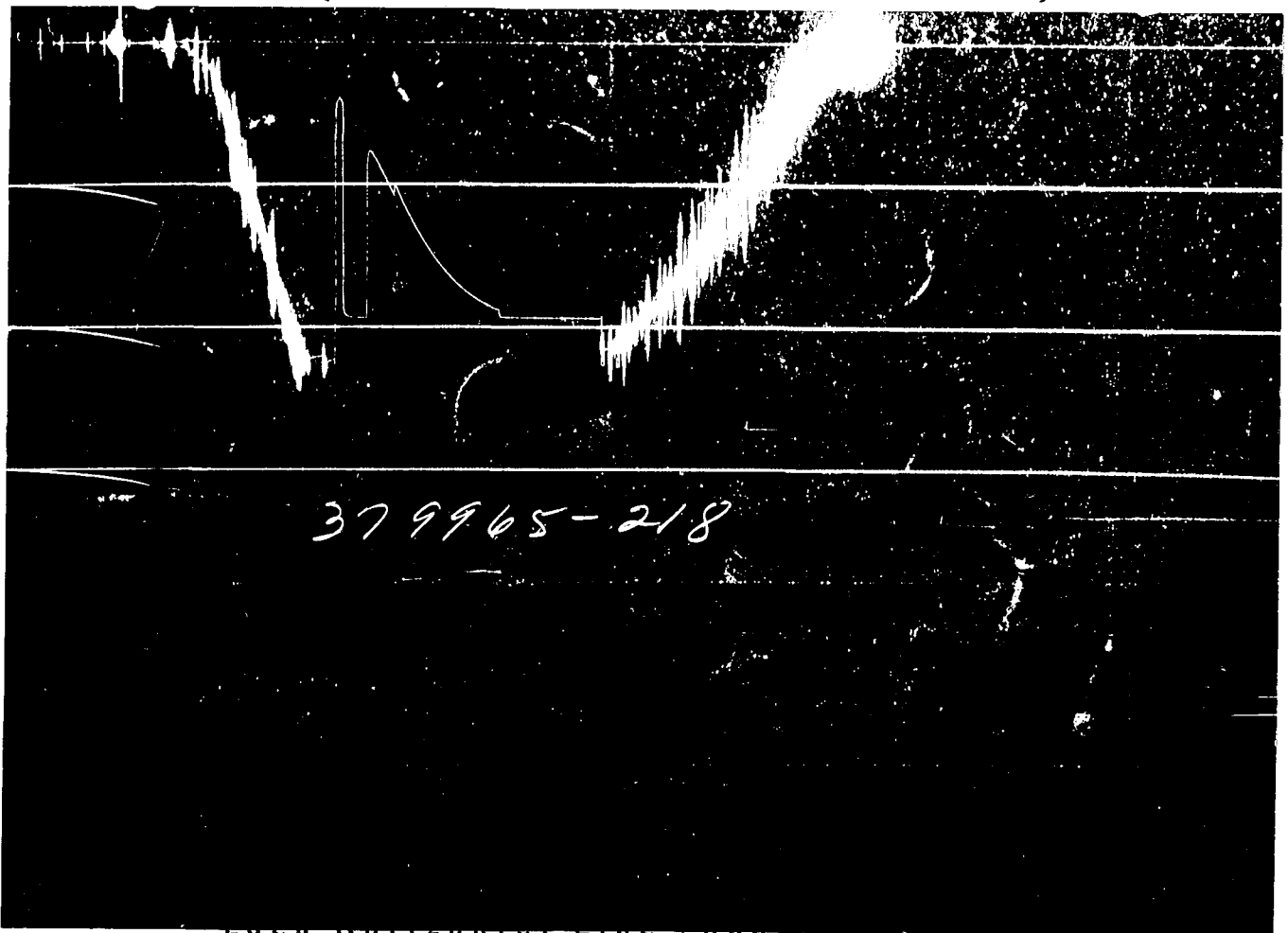
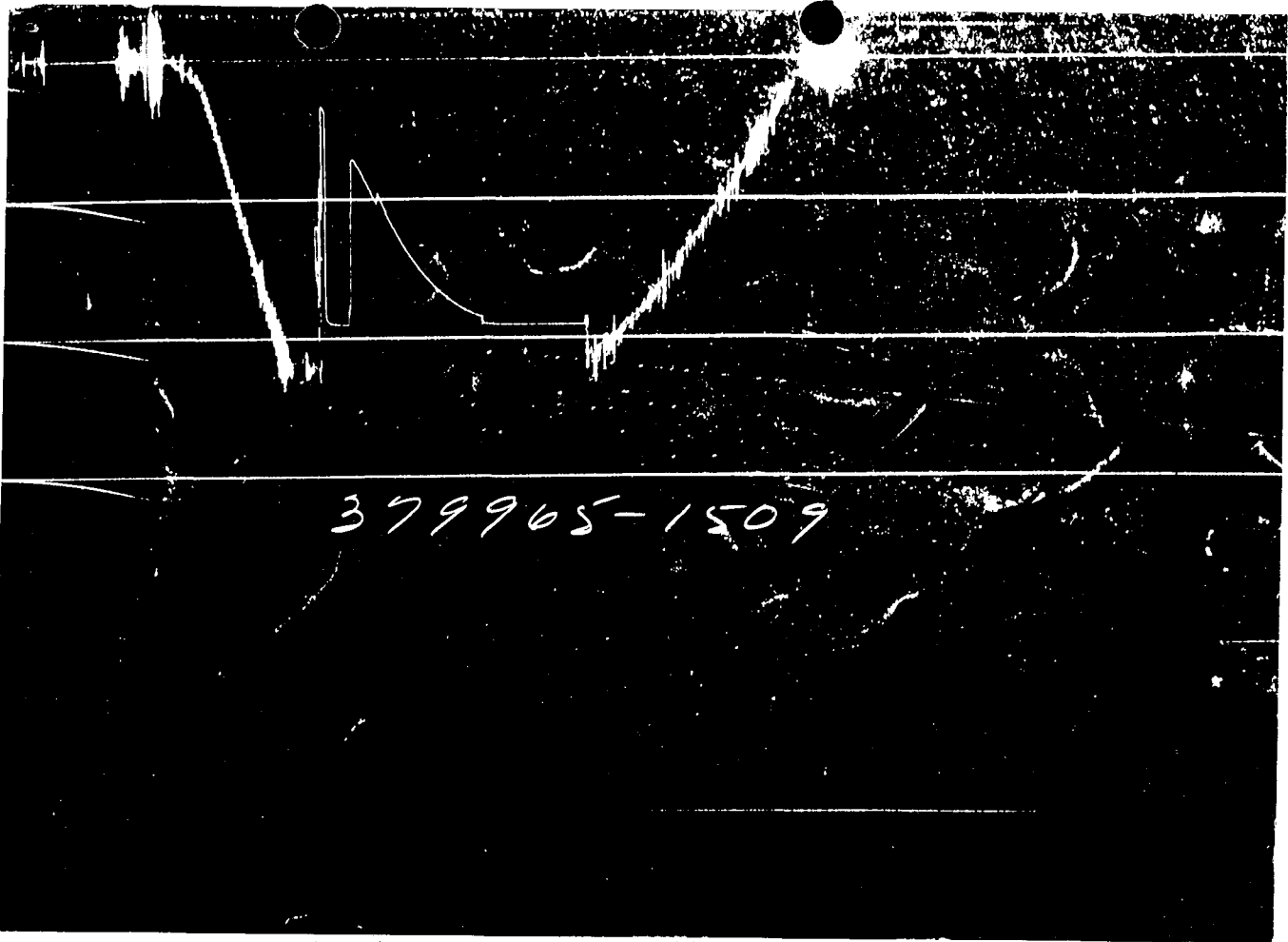
13

Gauge No. 1509			Depth 4737'			Clock 12 hour		Ticket No. 379966		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	57	.000		63	.000	107	.000		283
P ₁	.024	63	.0206		1855	.102	187	.0387		1874
P ₂	CLOCK STOPPED		.0412		1935	.204	220	.0774		1926
P ₃	DURING FIRST		.0618		1960	.306	254	.1161		1945
P ₄	FLOW PERIOD		.0824		1971	.408	283	.1548		1954
P ₅			.1030		1977			.1935		1962
P ₆			.1236		1983			.2322		1966
P ₇			.1442		1985			.2709		1971
P ₈			.1648		1987			.3096		1973
P ₉			.1854		1989			.3483		1975
P ₁₀			.2060		1990			.3870		1977

Gauge No. 218			Depth 4777'			Clock 12 hour				
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	67	.000		95	.000	125	.000		297
P ₁	.0066	60	.0202		1732	.1023	200	.0404		1555
P ₂	.0132	69	.0404		1919	.2046	230	.0808		1824
P ₃	.0198	79	.0606		1954	.3069	265	.1212		1922
P ₄	.0264	88	.0808		1972	.4090	297	.1616		1957
P ₅	.0330	95	.1010		1983			.2020		1972
P ₆			.1212		1989			.2424		1982
P ₇			.1414		1993			.2828		1985
P ₈			.1616		1996			.3232		1991
P ₉			.1818		2000			.3636		1993
P ₁₀			.2020		2004			.4040		1994

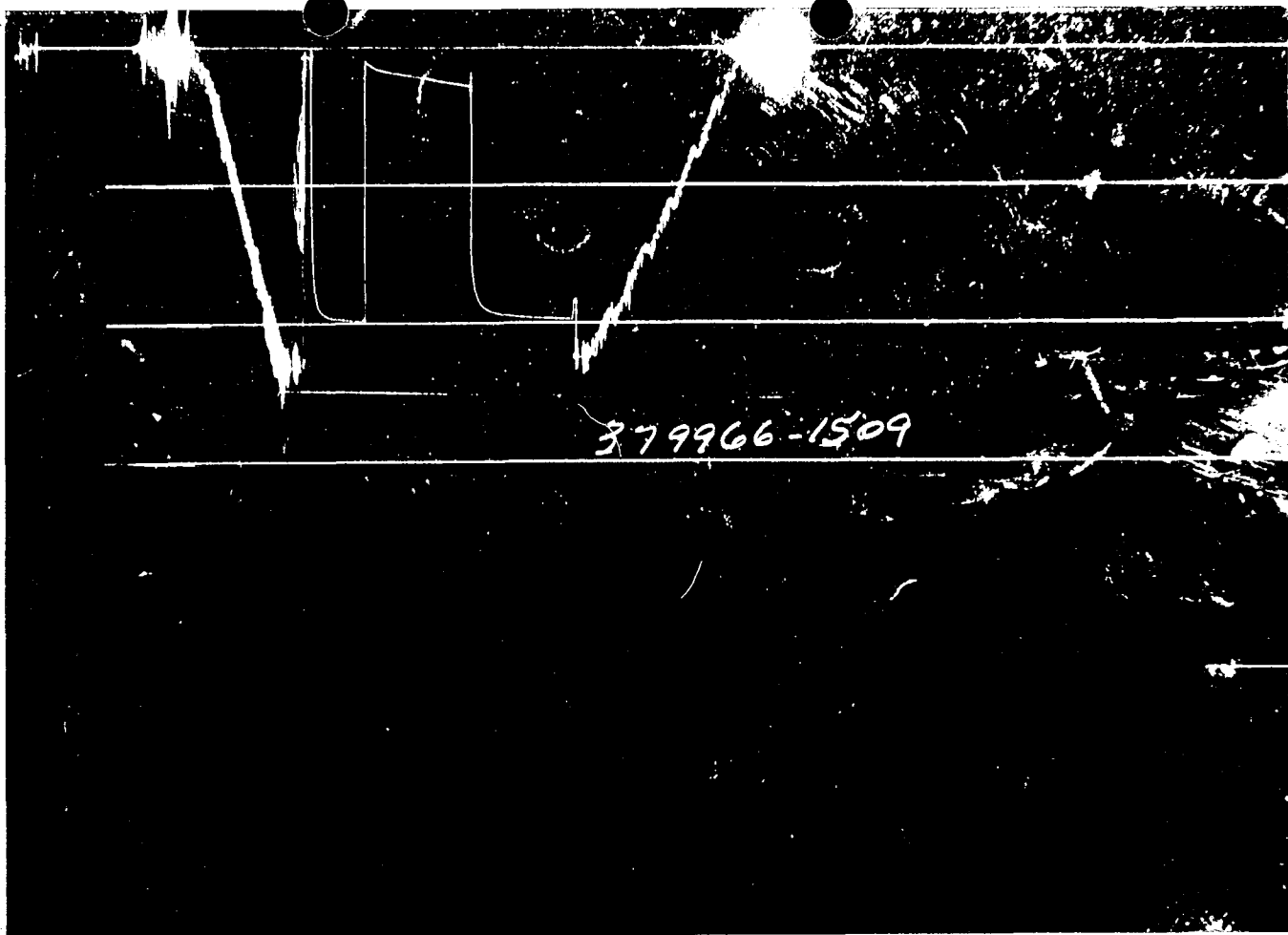
Reading Interval	1	3	15	6	Minutes
REMARKS:					

SPECIAL PRESSURE DATA

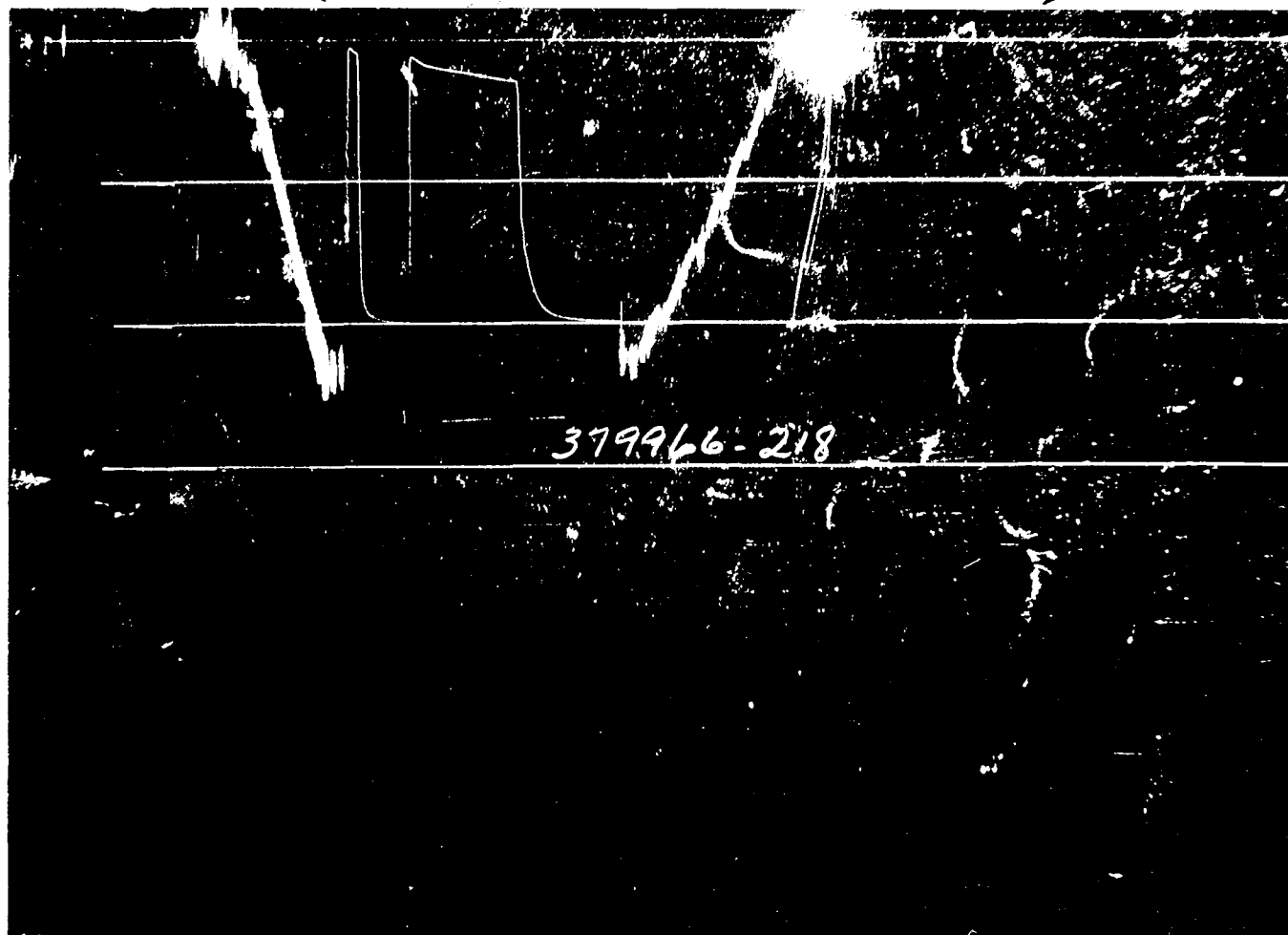


EACH HORIZONTAL LINE EQUAL TO 1000 PSI.

↑
PRESSURE
↓



← TIME →



Each horizontal line equal to 1000 p.s.i.

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Duff Well No. Wmsr Valley Unit # 32
 County: Union T 85 R 21E Sec. 1 API# 43-047-15461
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<u>✓</u>	
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	
Schematic Diagram		<u>✓</u>
Fracture Information	<u>✓</u>	
Pressure and Rate Control	<u>✓</u>	
Adequate Geologic Information	<u>✓</u>	
Fluid Source	<u>Greenman</u>	

Analysis of Injection Fluid	Yes <u>✓</u>	No <u> </u>	TDS <u>22 974 A/C</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u>	No <u> </u>	TDS <u>27,490 A/C</u>

Known USDW in area Union Depth 2300
 Number of wells in area of review 5 Prod. 2 P&A
 Water 1 Inj. 2

Aquifer Exemption	Yes <u> </u>	NA <u>✓</u>
Mechanical Integrity Test	Yes <u> </u>	No <u>✓</u>

Date Type

Comments: TOC 5174 BOC 5922

Reviewed by: CRD

Expendit

17,575.00 ✓

9/29/83	3,447.20 5816	- Compliance Engineering	15,300
7/22/	6,075	Compliance Engineering (Adm.)	800.00
5816	15,713	Compliance Engineering	2,275.00
			<hr/>
			\$ 17,575.00

July 1, 1983 - June 30, 1984 →

< Revenue >

Refund of fine forfeitures - 3,975.45 >

Begining Balance.	91,007.60
less expenditures	17,575.00
	<hr/>
	\$ 73,432.60

adj less Refund of fines	3,975.45
	<hr/>
Balance Forward.	\$ 69,457.15

24-2526

June
1208

P

S

TAT

Expenses

5801	327,478 70
5802	1,003,569 72
5804	1,001,374 91
5805	11,353 22
5807	118,438.43
5808	1,426,440.12
5815	9,143 77
5816	17,575 00

Revenue

add
Revenue

Fixed st Fund 1,536,907 60 1,632.77 9.55 sub 3,169,687.15

Rhino Ridge 24,977 00

adj Fixed Fund 1,561,884.60

545,686.92

347,859.00

60 x 1

AR-

5808 9,601.69

1208 10,800.35

17,539.05

37,941.09

40,170.80

1218 126,517.00

193,060.00

359,747.80

1248 17,928.07

17,723.83

10,295.21

45,947.11

63,087.60

504,344.80

81,510.00

144,597.00

1268 (20,561.92)

5804 - 262,479.00

5808
Recap - 464,197.92

Plus. 144,597.00

5807 - 22,272.00

5808 464,197.92

plus add 144,597.00

893,545.92

608,794.92

5804 - 70,800 A&E included

75,950

115,729

\$ 262,479.

5807 - 22,272.00

Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

November 19, 1964

United States Geological Survey (2)
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Utah Oil & Gas Conservation Commission (2)
348 East South Temple - Suite 301
Salt Lake City, Utah

Re: Munsie Valley Unit-Federal No. 33
NE SW Section 1-85-21E
Uintah County, Utah

Gentlemen:

We desire to keep all information confidential on the above-subject well.

Very truly yours,

Original Signed By
LESTER LeFAVOUR
Lester LeFavour

MJC:sjn



Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

November 19, 1964

United States Geological Survey (2)
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Utah Oil & Gas Conservation Commission (2)
348 East South Temple - Suite 301
Salt Lake City, Utah

Re: Wasatch Valley Unit-Federal No. 33
NE SW Section 1-8S-21E
Uintah County, Utah

Gentlemen:

We desire to keep all information confidential on the above-subject well.

Very truly yours,

Original Signed By
LESTER LeFAVOUR
Lester LeFavour

WJC:sjn



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Wonsits Valley Unit Fed. #33
Operator Gulf Oil Corporation Address P. O. Box 1971/ Phone 235-5783
1010 Patterson Building
Contractor Exeter Drilling Co. Address Denver, Colorado Phone _____
Location NE 1/4 SW 1/4 Sec. 1 T. 8S ~~xxx~~ R. 21 E Uintah County, Utah.
S ~~xxx~~

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 4751	4781	Recovered 644 feet on DST #2	Salty
2. 4504	4560	Recovered 4132 feet on DST #1	Salty
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform the Commission.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

May 13, 1965

Gulf Oil Corporation
P. O. Box 1971
Casper, Wyoming 82602

Attention: Mr. Lester LeFavour, Area Production Manager

Re: Well No. Wonsits Valley Unit Fed. #33
Sec. 1, T. 8 S., R. 21 E.,
Uintah County, Utah

Gentlemen:

Upon releasing the above mentioned well information, we note that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Enclosure - Forms

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE STATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0802

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Monsits Valley

8. FARM OR LEASE NAME

Monsits Valley Unit

9. WELL NO.

33

10. FIELD AND POOL, OR WILDCAT

Monsits-Monsits Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

E-02-21E SLB&H

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1271, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1910' NSL, 2292' EWL (NE SW)

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, ST, GR, etc.)

5176' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

When completed, casing was perforated 5862' to 5872' (G Sand) with 2 jets per foot but well was neither fracture treated nor acidized.

Production of oil has declined from 167 barrels per day when well was completed 10-10-64 to approximately 40 barrels per day.

We now propose to fracture treat these perforations.

18. I hereby certify that the foregoing is true and correct

SIGNED

Original Signed By

LESTER LAFAYOUR

TITLE Area Production Manager

DATE 12-21-65

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: Utah 002 Cons. Comm. (2)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE STATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0802	
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Wonsits Valley	
3. ADDRESS OF OPERATOR P. O. Box 1971, Casper, Wyoming 82602		7. UNIT AGREEMENT NAME Wonsits Valley Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' NSL, 2292' EWL (NE SW)		8. FARM OR LEASE NAME Wonsits Valley Unit	
14. PERMIT NO.		9. WELL NO. 33	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5176' KB		10. FIELD AND POOL, OR WILDCAT Wonsits-Wonsits Valley	
		11. SEC., T. R., M., OR BLK. AND SURVEY OR AREA 1-8S-21E SLB&M	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

When completed, casing was perforated 5862' to 5872' (G Sand) with 2 jets per foot but well was neither fracture treated nor acidized.

Production of oil has declined from 167 barrels per day when well was completed 10-10-64 to approximately 40 barrels per day.

We now propose to fracture treat these perforations.

18. I hereby certify that the foregoing is true and correct

SIGNED **Original Signed By**
LESTER LAFAYOURTITLE **Area Production Manager**DATE **12-21-65**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

cc: Utah O&G Cons. Comm. (2)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. U-0802
2. NAME OF OPERATOR Gulf Oil Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1971, Casper, Wyoming 82602	7. UNIT AGREEMENT NAME Monalta Valley
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' NSL, 2292' EWL (NE SW)	8. FARM OR LEASE NAME Monalta Valley Unit
	9. WELL NO. 13
	10. FIELD AND POOL, OR WILDCAT Monalta-Monsalta Valley
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-23-21E S106M
14. PERMIT NO.	12. COUNTY OR PARISH Uintah
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5176' KB	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pulled tubing. Fracture treated G Sand perforations (5862' to 5872') with 611 barrels oil and 11,445# beads. Swabbed 30 barrels oil, 270 barrels water in 10 hours. Perforated 5830' with 4 holes and squeezed with 50 sacks regular cement in 2 stages. Drilled cement and tested squeeze, held OK. Swab tested G Sand perforations. Swabbed 6 barrels oil and 290 barrels water in 10 hours. Squeezed perforations 5862' to 5872' with 100 sacks in 10 stages. Drilled out cement and tested squeeze, held OK. Perforated G Sand at 5866' with tandem 4-way radial jet. Swabbed dry, no fillup in 2 hours. Acidized with 250 gallons 7-1/2% MCA. Swabbed 432 barrels water, no oil, in 18 hours. Shut well in 1-18-66. Standing.

18. I hereby certify that the foregoing is true and correct

Original Signed By
SIGNED **LESTER LeFAVOUR**TITLE **Area Production Manager**DATE **1-21-66**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: Utah 066 Cons. Comm. (2)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Convert to water injection		5. LEASE DESIGNATION AND SERIAL NO. U-2042	
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1271, Casper, Wyoming		7. UNIT AGREEMENT NAME Mamie Valley	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' NSL & 2392' ENE. (NE SW)		8. FARM OR LEASE NAME Mamie Valley State-Ped. Unit	
14. PERMIT NO.		9. WELL NO. 33	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5176' NS		10. FIELD AND POOL, OR WILDCAT Mamie-Mamie Valley	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-26-21E	
		12. COUNTY OR PARISH Winch	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Convert to water injection	<input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was run out in the G-1 Formation. Attempts to shut off the water were unsuccessful. It is now proposed to convert the well to water injection in the P-2 (5656'-5710') and P-4 (5750'-5780') zones to plug annulus and one-half gap in the present injection pattern in these zones.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 11-4-66 by *Paul W. Burchell*
Chief Petroleum Engineer

18. I hereby certify that the foregoing is true and correct

SIGNED **LESTER L. LESTER** TITLE **Area Production Manager** DATE **11-1-66**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Utah Oil & Gas Conservation Commission (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Convert to water injection		7. UNIT AGREEMENT NAME Monits Valley	
2. NAME OF OPERATOR Gulf Oil Corporation		8. NAME OR LEASE NAME Monits Valley State-Fed. Unit	
3. ADDRESS OF OPERATOR P. O. Box 1971, Casper, Wyoming		9. WELL NO. 33	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' NSL & 2292' EWL (NE SW)		10. FIELD AND POOL, OR WILDCAT Monits-Monits Valley	
14. PERMIT NO.		11. SEC. T., R., M., OR BLK., AND SURVEY OR AREA 1-35-21E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5176' KB		12. COUNTY OR PARISH Utah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following work was performed converting well #33 to Water Injection Well:

Pulled rods and tubing, set wireline BP at 5825', Tested to 2000', perforated 5802' - 5807' with 4 JNPF. Ran tubing with SV-DC Packer, set at 5786'. Spaced perforations with 50 sacks Class A regular cement.
Perforated F-4 Zone from 5750' - 5770' and 5704' - 5708' with 2 JNPF
Perforated F-2 Zone from 5696' - 5702' and 5706' - 5710' with 2 JNPF
Straddled F-4 Zone with packer and RBP and broke down with 250 gallons 7/8" HA
Straddled F-2 Zone and broke down with 250 gallons 7/8" HA
Set down hole regulator for 800 MWP into F-2 perforations
Set down hole regulator for 1200 MWP into F-4 perforations

Original Signed By

18. I hereby certify that the foregoing is true and correct

LESTER LeFAVOUR

SIGNED **Lester LeFavour**

TITLE **Area Production Manager**

DATE **1-3-67**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

EDM:rlk

cc: Utah Oil & Gas Conservation Commission (2)

*See Instructions on Reverse Side

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APR 25 1985

DIVISION OF OIL AND GAS
GAS & MINING

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. ☒ oil well ☐ gas well ☐ other

2. NAME OF OPERATOR

GULF OIL CORPORATION ATTN R.W.HUWALDT

3. ADDRESS OF OPERATOR

P O BOX 2619, CASPER, WY 82602 2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Blanket Sundry

5. LEASE

U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Wonsit Valley

8. FARM OR LEASE NAME

Wonsits Valley Unit St/Fed

9. WELL NO.

#33

10. FIELD OR WILDCAT NAME

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

85. 21 E.

12. COUNTY OR PARISH: 13. STATE
Uintah Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD).

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Per conversation between K. S. Aslesen & J. Sparger, on March 27, 1985, Temporary lined work pits will be used for all future casing repair work.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. R. BOCEK TITLE AREA ENGINEER DATE APR 19 1985

J. R. BOCEK (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Gulf Oil Exploration and Production Company

L. G. Rader
PRODUCTION MANAGER — CASPER AREA

July 2, 1985

P. O. Box 2619
Casper, WY 82602

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 05 1985

Gentlemen:

DIVISION OF
GAS & MINES

Effective July 1, 1985, the corporate name of Gulf Oil Corporation was changed to Chevron U.S.A. Inc. This will be applicable to all operations, agreements, contracts, documents, and permits of Gulf Oil Corporation in the area of and/or under your jurisdiction.

The attached information is being furnished to facilitate the name change of appropriate records under your authority, and submitted as our understanding of the procedure required to accomplish the change.

Please advise this office or the office listed on the attachments should additional information be needed.

Sincerely,



L. G. Rader

KWR/mdb

Attachments



A DIVISION OF GULF OIL CORPORATION

TELEPHONE: (307) 235-1311

<u>Lease Name</u>	<u>Field</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>County</u>	<u>State</u>
Wonsits Valley Unit #15	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #16	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #17	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #18	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #19	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #2	Wonsits WV	8	8S	22E	Uintah	UT
Wonsits Valley Unit #21	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #22	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #23	Wonsits WV	9	8S	21E	Uintah	UT
Wonsits Valley Unit #24	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #25	Wonsits WV	8	8S	22E	Uintah	UT
Wonsits Valley Unit #26	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #27	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #28-2	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #29	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #30	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #31	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #32	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #33	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #34	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #35	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #36	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #37	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #39	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #4	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #41	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #42	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #43	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #44	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #45	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #46	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #47	Wonsits WV	13	8S	25E	Uintah	UT
Wonsits Valley Unit #48	Wonsits WV	10	8S	25E	Uintah	UT
Wonsits Valley Unit #5	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #50	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #51	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #52	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #53	Wonsits WV	10	8S	21E	Uintah	UT

06/27/85
leases gulf operated/file2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector	5. LEASE DESIGNATION AND SERIAL NO. U-0802
2. NAME OF OPERATOR Chevron U.S.A. Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, Colorado 80201	7. UNIT AGREEMENT NAME Wonsits Valley Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1,910' FSL, 2,292' FWL (NE,SW)	8. FARM OR LEASE NAME WVFU
14. PERMIT NO.	9. WELL NO. 33
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5,176' KB	10. FIELD AND POOL, OR WILDCAT Wonsits Valley
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S. 1, T8S, R21E
	12. COUNTY OR PARISH Uintah
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to plug and abandon WVFU #33 as follows:

1. MIRU. N/D tree. N/U BOPE and test.
2. Release packers at 5,730' and 5,670' and POOH with injection string.
3. Clean out to PBTD at 5,730'.
4. Set CICR at $\pm 5,600'$. Cement squeeze perfs at 5,696' to 5,788' (gross interval) with ± 100 sx cement. Leave 60' cement on top of CICR.
5. Displace casing with 9.0 ppg mud.
6. Pressure test casing, isolate leaks and cement squeeze as needed.
7. Perforate 3,000'-3,002' with 2 SPF. Set CICR at $\pm 2,900'$. Cement squeeze perfs at 3,000'-3,002' with ± 100 sx cement. Leave 60' cement on top of CICR.
8. Spot surface cement plug from 300' to surface.
9. Pressure test 8-5/8" x 5 1/2" annulus to ± 200 psi. If injection is established, cement with ± 50 sx cement. If no injection is established, perform 1" job at $\pm 100'$ and circ. cement to surface.
10. N/D BOPE. Cut off wellhead. Install regulation dry-hole marker.
11. R/D and release rig. Rehabilitate surface location.

3-BLM
3-State
1-BIA
1-EEM
1-MKD
3-Drlg.
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Office Assistant

DATE September 2, 1987

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Federal approval of this action
is required before commencing
operations

*See Instructions on Reverse Side

DATE 9-13-87
BY [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different depth.
Use "APPLICATION FOR PERMIT" for a well to be plugged and abandoned.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ Plugged and Abandoned

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1,910' FSL, 2292' FWL (NE, SW)

14. PERMIT NO.
43-047-15461

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5176' KB

5. LEASE DESIGNATION AND SERIAL NO.
U-0802

6. IN INDIAN, ALLOTTEE OR TRIBE NAME
WV 123105

7. UNIT AGREEMENT NAME
Wonsits Valley Federal

8. FIRM OR LEASE NAME
WVFU

9. WELL NO.
33

10. FIELD AND POOL, OR WILDCAT
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 1, T8S, R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PLUG OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WVFU #33 was plugged and abandoned on 11-18-87 as follows:

1. MIRU Gudac Well Service on 11-16-87. N/U and tested BOPE.
2. Cleaned out to 5708'.
3. Set CICR @ 5586'. Cement squeezed perfs @ 5696'-5788' with 100 sx cement. Left 90' cement on top of CICR. Displaced casing with 9.0 ppg mud.
4. Perforated 3225'-27'. Set CICR @ 3118'. Cement squeezed with 100sx cement. Left 60' cement on top of CICR.
5. Spot cement plug from 310' to surface. Pressure test 8-5/8" x 5 1/2" annulus to 300 psi. No bleed-off.
6. Cut-off wellheads. Installed dry-hole marker.
7. Released rig.

3-BLM 3-Drlg
3-State 1-PLM
1-BIA 1-Sec. 724-C
1-EEM 1-File
1-MKD 1-COS

18. I hereby certify that the foregoing is true and correct

SIGNED *J. B. Wilson*

TITLE Technical Assistant

DATE 11-20-87

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 11-21-87
BY *R. B. [Signature]*

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

PA

WELL NAME: WONSITS VALLEY UN-FED #33

LEASE:

API: 4304715461

WELL NO:

QTR/QTR: NESW SECTION: 01

TWP: S080

RANGE: E210

LOCATION:

FIELD:

OPERATOR: CHEVRON USA INC

CONTRACTOR:

DRILLING / COMPLETION / WORKOVER
APD WELL SIGN
SAFETY POLL. CONTROL
OPERATIONS OTHER

HOUSEKEEPING
SURFACE USE

BOPE
PITS

SHUT-IN / TA:

Y WELL SIGN	Y	HOUSEKEEPING	Y	EQUIPMENT	Y	SAFETY
SHUT-IN	Y	TA		OTHER		

ABANDONED:

MARKER	HOUSEKEEPING	REHAB	OTHER
--------	--------------	-------	-------

PRODUCTION:

WELL SIGN	HOUSEKEEPING	EQUIPMENT	FACILITIES
METERING	POLL. CONTROL	PITS	DISPOSAL
SECURITY	SAFETY	OTHER	

GAS DISPOSITION:

VENTED/FLARED	SOLD	LEASE USE
---------------	------	-----------

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
A - NOT APPLICABLE

FACILITIES INSPECTED: LOCATION, WELL HEAD, PUMP JACK PAD

REMARKS:

LISTED AS WIW. SINGLE COMPLETION - NO GAUGES. APPEARS TO BE TA - SOW. WELL DOES NOT LOOK LIKE IT HAS EVER BEEN PLUMBED FOR INJECTION.

ACTION:

INSPECTOR: CAROL A. KUBLY

DATE: 8 /06/02

Note: I spoke w/ Chevron re: this well. Brent Saxon told me they plugged this well 16 Nov 87. Needs final inspection

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0802

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WLV

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

WVFU

9. WELL NO.

33

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 1, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL ☐ GAS ☐ OTHER ☐ Plugged and Abandoned

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also square 17 below.)
At surface

1,910' FSL, 2292' FWL (NE, SW)

14. PERMIT NO.

43-047-15461

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5176' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

WVFU #33 was plugged and abandoned on 11-18-87 as follows:

1. MIRU Gudac Well Service on 11-16-87. N/U and tested BOPE.
2. Cleaned out to 5708'.
3. Set CICR @ 5586'. Cement squeezed perfs @ 5696'-5788' with 100 sx cement.
Left 90' cement on top of CICR. Displaced casing with 9.0 ppg mud.
4. Perforated 3225'-27'. Set CICR @ 3118'. Cement squeezed with 100sx cement.
Left 60' cement on top of CICR.
5. Spot cement plug from 310' to surface. Pressure test 8-5/8" x 5 1/2" annulus to
300 psi. No bleed-off.
6. Cut-off wellheads. Installed dry-hole marker.
7. Released rig.

3-BLM 3-Drlg
3-State 1-PLM
1-BIA 1-Sec. 724-C
1-EEM 1-File
1-MKD 1-COS

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 11-20-87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE

11-24-87

BY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0802 *WVW*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

121702

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

WVFU

9. WELL NO.

33

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA

S1, T8S, R21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER ☒ Plugged and Abandoned
2. NAME OF OPERATOR
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
P. O. Box 599 Denver, CO 80201
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1910' FSL, 2292' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$)
14. PERMIT NO.
43-047-15461
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5176' KB
DIVISION OF
OIL, GAS & MINING
DEC 11 1987

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACURE TREAT

MULTIPLE COMPLETE

FRACURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WVFU #33 was plugged and abandoned on 11-18-87 as follows:

1. MIRU Gudac Well Service on 11-16-87.
2. Clean out to PBTD @ 5811'.
3. Set CICR @ 5586'. Testing casing to 500 psi. OK. Cement squeezed perfs @ 5696-5788' with 100 sx cement.
4. Displaced hole with 9.0 ppg mud.
5. Perforate 3225-27'. Set CICR @ 3118'. Cement squeezed perfs @ 3225-27' w/100 sx cement.
6. Spot surface cement plug from 310' to surface. Squeezed 8-5/8" x 5-1/2" annulus with 50 sx cement.
7. Cut off wellheads. Install dry hole marker.
8. Release rig and prepare location for rehabilitation.

- 3 - BLM
- 3 - State
- 1 - BIA
- 1 - EEM
- 1 - MKD
- 3 - Drlg
- 1 - PLM
- 1 - Sec. 724-C
- 1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED *J. Watson*

TITLE Technical Assistant

DATE 12/8/87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

WV U-0802

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back or to
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

Plugged and Abandoned

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599 Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.)
At surface

1910' FSL, 2292' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$)

14. PERMIT NO.

43-047-15461

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5176' KB

7. UNIT AGREEMENT NAME

Wonsits Valley Federal

8. FARM OR LEASE NAME

WVFU

9. WELL NO.

33

10. FIELD AND POOL, OR WILDCAT

Wonsits Valley

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

S1, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

WVFU #33 was plugged and abandoned on 11-18-87 as follows:

1. MIRU Gudac Well Service on 11-16-87.
2. Clean out to PBTD @ 5811'.
3. Set CICR @ 5586'. Testing casing to 500 psi. OK. Cement squeezed perfs @ 5696-5788' with 100 sx cement.
4. Displaced hole with 9.0 ppg mud.
5. Perforate 3225-27'. Set CICR @ 3118'. Cement squeezed perfs @ 3225-27' w/100 sx cement.
6. Spot surface cement plug from 310' to surface. Squeezed 8-5/8" x 5-1/2" annulus with 50 sx cement.
7. Cut off wellheads. Install dry hole marker.
8. Release rig and prepare location for rehabilitation.

- 3 - BLM
- 3 - State
- 1 - BIA
- 1 - EEM
- 1 - MKD
- 3 - Drlg
- 1 - PLM
- 1 - Sec. 724-C

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Technical Assistant

DATE 12/8/87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORM NO. DOGM-UIC-1
(Revised 1982)

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input checked="" type="checkbox"/>

Comes now the applicant and shows the Corporation Commission the following:

- | | | | |
|--|--|--|-------------------|
| Lease Name Wonsits Valley
Unit State/Federal | Well No. 33 | Field Wonsits Valley | County Uintah |
| Location of Enhanced Recovery
Injection or Disposal Well NE SW Sec. 1 Twp. 8S Rge. 21E | | | |
| New Well To Be Drilled
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Old Well To Be Converted
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Casing Test
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date | |
| Depth-Base Lowest Known
Fresh Water Within 1/2 Mile None | Does Injection Zone Contain
Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | State What
Oil |
| Location of Injection Source(s) WVU Produced Water and Fresh Water from Sec. 6-T7S-R21E | | Geologic Name(s) Green River Wells 5000'-5700'
and Depth of Source(s) Uinta Wells 70'-90' | |
| Geologic Name of Injection Zone Green River | | Depth of Injection Interval 5696 to 5788 | |
| a. Top of the Perforated Interval: 5692 | b. Base of Fresh Water: 2300 | c. Intervening Thickness (a minus b) 3392 | |
| Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | | |
| Lithology of Intervening Zones | | | |
| Injection Rates and Pressures
Maximum 1000 B/D
2000 PSI | | | |
| The Names and Addresses of Those to Whom Notice of Application Should be Sent.
BLM
BIA | | | |

Dan M. H.

Applicant

Suscribed and sworn to before me this 23rd day of September, 1983

Bette F. Hergenraeder, Notary Public
County of _____ State of _____

Notary Public in and for Natrona County, Wyoming

My Commission Expires March 16, 1986

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 5/8"	197	150		
Intermediate					
Production	5 1/2"	5922	150	5174	Cement Bond Log
Tubing	2 7/8"		Name - Type - Depth of Tubing Packer		
Total Depth 5922	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 5696	Depth - Base of Inj. Interval 5788		

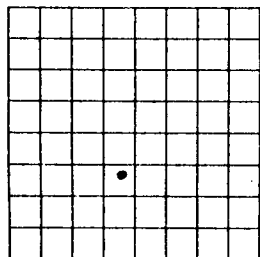
PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

API NO. 43-047-15461

640 Acres
N



Locate Well Correctly
and Outline Lease

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY Uintah SEC. 1 TWP. 8S RGE. 21E

COMPANY OPERATING Gulf Oil Corporation

OFFICE ADDRESS P. O. Box 2619

TOWN Casper STATE WY ZIP 82602

FARM NAME WVU S/F WELL NO. 33

DRILLING STARTED 08/31/64 DRILLING FINISHED 09/17/64

DATE OF FIRST PRODUCTION 10/02/64 COMPLETED

WELL LOCATED SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$
1910 FT. FROM SL OF $\frac{1}{4}$ SEC. & 2292 FT. FROM WL OF $\frac{1}{4}$ SEC.

ELEVATION DERRICK FLOOR 5176 GROUND 5166

TYPE COMPLETION

Single Zone X

Multiple Zone

Comingled

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River "G-1"	5845	5872			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
8 5/8"	24#	J	197	1000	150		
5 1/2"	14#	J	5922		150		5174

TOTAL DEPTH 5922

PACKERS SET

DEPTH None

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Green River			
SPACING & SPACING ORDER NO.	40 Acre		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	5862-72		
INTERVALS			
ACIDIZED?	No		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Date	10/10/64		
Oil, bbl./day	167		
Oil Gravity			
Gas, Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day	0		
Pumping or Flowing	Pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (307) 235-1311 D. F. McHugo

Name and title of representative of company
D. F. McHugo, Production Engineer

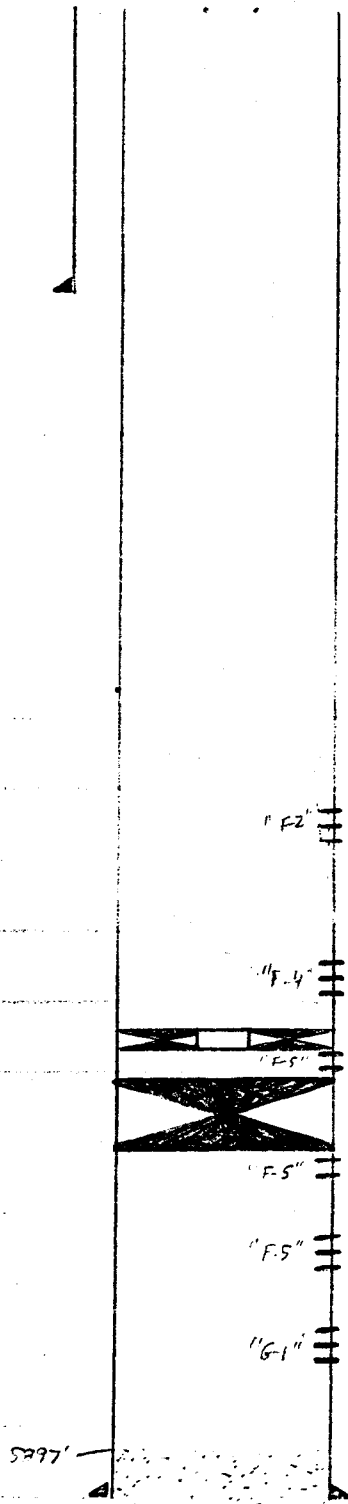
Subscribed and sworn before me this 23rd day of September, 19 83

Wonsits Valley Unit St./Fed # 33
Well Diagram

Well Elevation: 5176 KB 5166 GL

8 5/8" OD surface pipe
set @ 197' w/ 150 SX

Top of cement @ 5174' by Cement Bond Log



"F2" Perf 5696'-5702' & 5705'-10' w/ 2 JHPF

"F4" Perf 5750'-70' & 5784'-88' w/ 2 JHPF

Cement retainer @ 5796'

"F5" Perf 5802'-07' w/ 4 JHPF sg2'd w/ 5 SX cmt. 11/23/66

CIBP @ 5811'

"F5" Perf 5816' w/ 4 holes sg2'd w/ 50 SX cmt. 7/29/64

"F5" Perf 5830' w/ 4 holes sg2'd w/ 35 SX cmt. 1/4/66

"G1" Perf 5826'-70' w/ 2 JHPF sg2'd w/ 150 SX cmt. 3/17/66

5897'

5 1/2" OD 14 # casing
set @ 5922' w/ 150 SX

TVC 5922'

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Gulf Oil Expl. & Prod. DATE 9-23-81 LAB NO. 38679-4
 WELL NO. _____ LOCATION _____
 FIELD Wonsits Valley FORMATION _____
 COUNTY Uintah INTERVAL _____
 STATE Utah SAMPLE FROM Water injection system-in suction line between charging & injection pumps

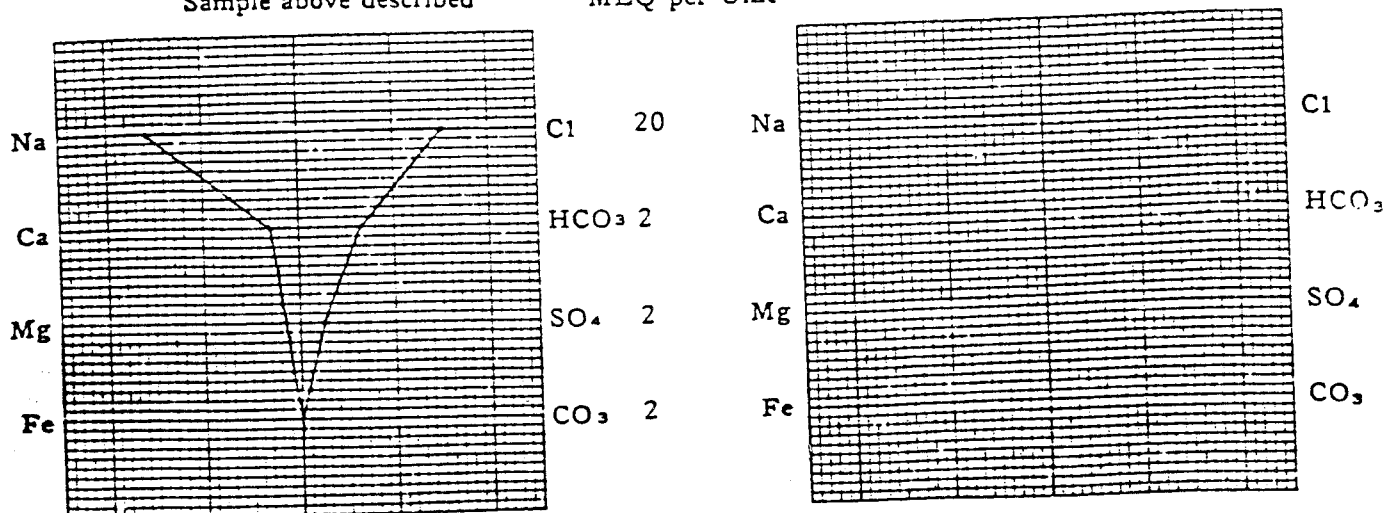
REMARKS & CONCLUSIONS:
 Scaling tendencies of this water appear to be low.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	7206	313.45	Sulfate	254	5.38
Potassium	29	0.74	Chloride	10800	304.56
Lithium	-	-	Carbonate	0	0.00
Calcium	122	6.09	Bicarbonate	817	13.40
Magnesium	36	2.96	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		323.24	Total Anions		323.24

Total dissolved solids, mg/l	18849	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	18623	Observed	0.36 ohm-meters
Observed pH	7.9	Calculated	0.36 ohm-meters

WATER ANALYSIS PATTERN

Scale
 Sample above described MEQ per Unit



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

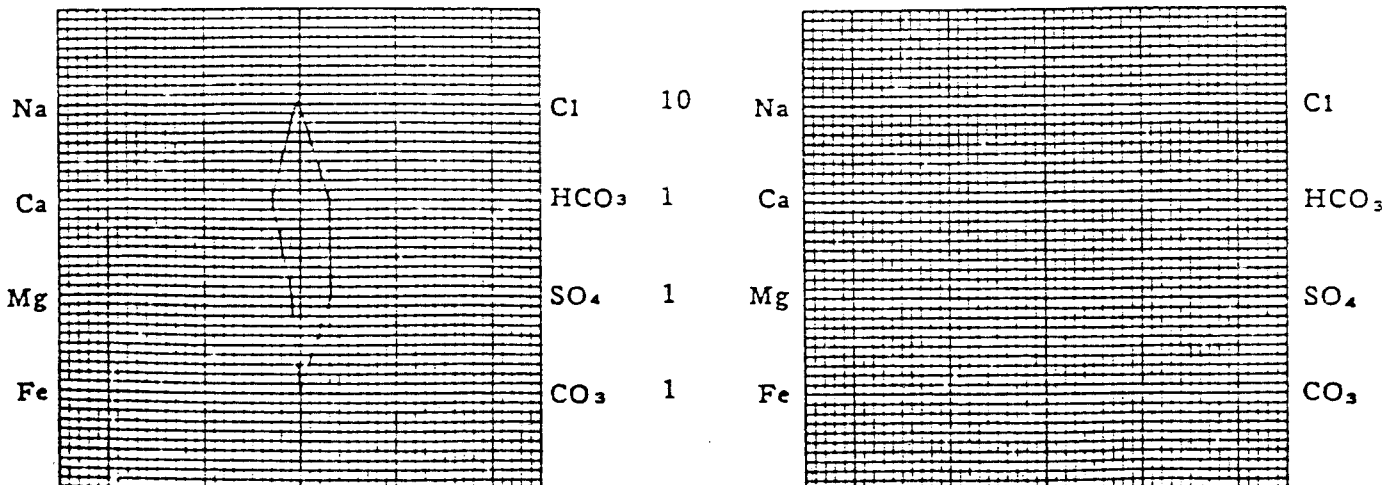
OPERATOR Gulf Oil Expl. & Prod. DATE 7-17-81 LAB NO. 37986
WELL NO. Wonsitz Valley Unit LOCATION _____
FIELD Wonsitz Valley FORMATION _____
COUNTY Uintah INTERVAL _____
STATE Utah SAMPLE FROM #2 River well (Injection water)
(4-23-81)

REMARKS & CONCLUSIONS: _____

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	48	2.08	Sulfate	155	3.22
Potassium	2	0.05	Chloride	18	0.51
Lithium	-	-	Carbonate	0	0.00
Calcium	56	2.79	Bicarbonate	188	3.08
Magnesium	23	1.89	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		6.81	Total Anions		6.81
Total dissolved solids, mg/l			Specific resistance @ 68°F.:		
			Observed		
NaCl equivalent, mg/l			Calculated		
Observed pH					

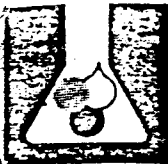
WATER ANALYSIS PATTERN

Sample above described Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-3156
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED _____

SAMPLE DESCRIPTION _____ FIELD NO. _____
COMPANY Gulf Oil Company LEASE _____ WELL NO. _____
FIELD Wonsits Fed U. COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Federal Unit
PRODUCING FORMATION _____ TOP _____
REMARKS Tank Batt. #2 - Treater sample
SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

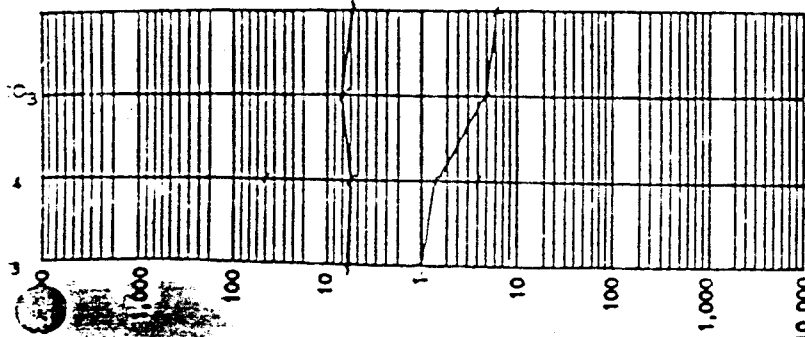
SPECIFIC GRAVITY @60/60° F. 1.0201 pH 8.35 RES. .18 OHM METERS @ 77° F

TOTAL HARDNESS 478.5 mg/L as CaCO₃ TOTAL ALKALINITY 1030.0 mg/L as CaCO₃

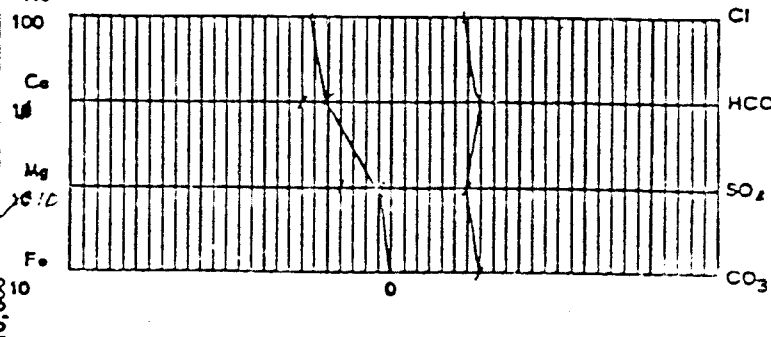
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	111.0	5.55		
MAGNESIUM - Mg ++	48.8	4.0		
SODIUM - Na +	14500.0	630.43		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	0.22	0.01	640.0	
BICARBONATE - HCO ₃ --	484.0	7.94		
CARBONATE - CO ₃ --	236.0	7.87		
SULFATE - SO ₄ --	2980.0	62.08		
CHLORIDE - CL --	19992.	563.15	641.04	
TOTAL DISSOLVED SOLIDS	38,120.			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

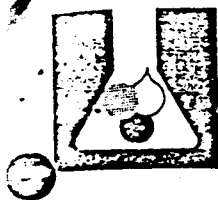


STANDARD



ANALYST _____

CHECKED _____



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-3154
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED _____

SAMPLE DESCRIPTION _____ FIELD NO. _____
COMPANY Gulf Oil Company LEASE _____ WELL NO. _____
FIELD W.V. Fed Unit COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Valley Fed.
PRODUCING FORMATION _____ TOP _____
REMARKS _____

Tank Batt. #4 - FIVKO Sample

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

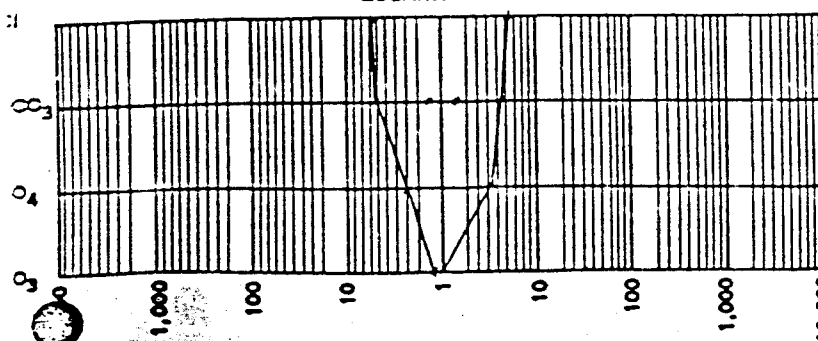
SPECIFIC GRAVITY @60/60° F. 1.0206 pH 8.34 RES. .23 OHM METERS @ 77° F

TOTAL HARDNESS 415.62 mg/L as CaCO₃ TOTAL ALKALINITY 570.0 mg/L as CaCO₃

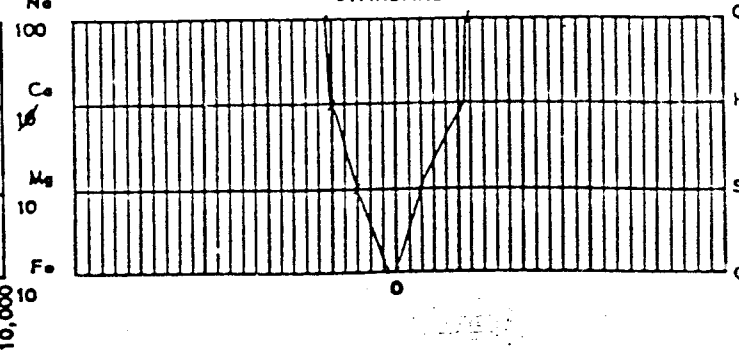
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	101.0	5.05		
MAGNESIUM - Mg ++	39.8	3.26		
SODIUM - Na +	13000.0	565.22		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	0.12	0	573.53	
BICARBONATE - HCO ₃ -	342.7	5.62		
CARBONATE - CO ₃ --	8.0	0.27		
SULFATE - SO ₄ --	91.0	1.90		
CHLORIDE - CL -	19430.0	547.32	555.11	
TOTAL DISSOLVED SOLIDS	29,560.			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

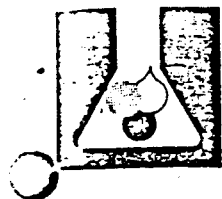


STANDARD



ANALYST _____

CHECKED _____



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2255

LABORATORY NUMBER W-3157
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED _____

SAMPLE DESCRIPTION _____ FIELD NO. _____
COMPANY Gulf Oil Company LEASE _____ WELL NO. _____
FIELD W.V. Fed Unit COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Valley Fed.
PRODUCING FORMATION _____ TOP _____
REMARKS Treater Sample
Tank Batt. #5 SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

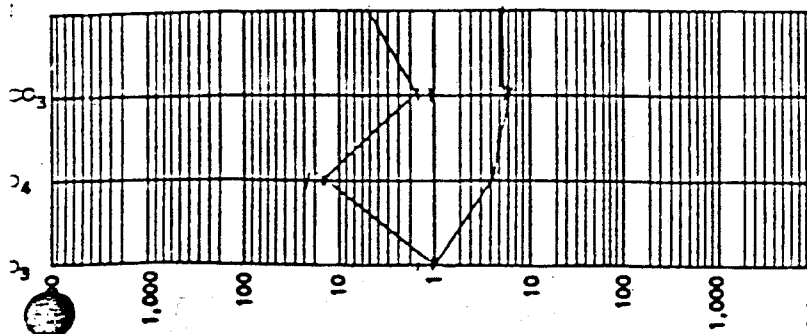
SPECIFIC GRAVITY @60/60° F. 1.0284 pH 8.88 RES. .22 OHM METERS @ 77°F

TOTAL HARDNESS 511.6 mg/L as CaCO₃ TOTAL ALKALINITY 528.0 mg/L as CaCO₃

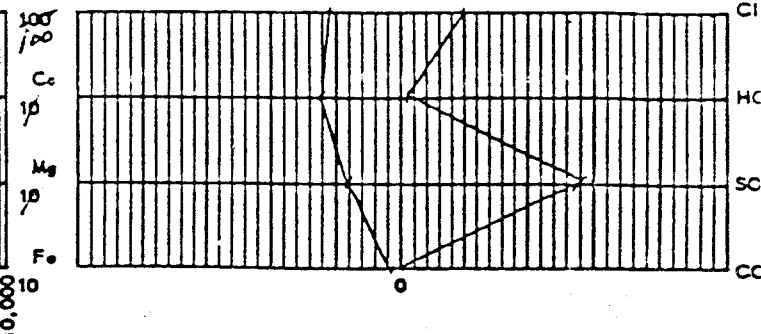
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	126.0	6.30		
MAGNESIUM - Mg ++	47.8	3.92		
SODIUM - Na +	11800.0	513.04		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	0.15	0.01	523.27	
BICARBONATE - HCO ₃ --	307.50	5.04		
CARBONATE - CO ₃ --	24	0.8		
SULFATE - SO ₄ --	698.0	14.54		
CHLORIDE - CL -	17852.6	502.89	523.27	
TOTAL DISSOLVED SOLIDS	29,280.			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____